PAGE 01/09

DEC 2 0 2005

### DALY, CROWLEY, MOFFORD & DURKEE, LLP

Telephone: 781-401-9988 Facsimile: 781-401-9966

### **FACSIMILE TRANSMITTAL SHEET**

Including this transmittal sheet, document consists of \_\_\_\_\_\_ pages.

Date: December <u>20</u>, 2005

To:

**و** المعنى الم

**Commissioner for Patents** 

From:

Christopher S. Daly, Esq.

Examiner:

Not Yet Assigned

Group Art:

2171

Company:

U.S. PTO

Facsimile Number: 571-273-8300

Telephone Number:

#### MESSAGE

RE:

U.S. Patent Application of Pamela R. Lipson, et al.

Entitled:

INFORMATION SEARCH AND RETRIEVAL SYSTEM

Filed on:

January 29, 2004

U.S. Appl. No.: 10/767,216

Our Ref. No.:

MIT-058CUS

### PLEASE CONFIRM RECEIPT OF THIS FACSIMILE TRANSMISSION.

THANK YOU.

#### STATEMENT OF CONFIDENTIALITY

The documents included with this fecsimile transmittel sheet contain information which is confidential and/or privileged. The information is intended to be for the use of the addressee named on this transmittel sheet. If you are not the addressee, note that any disclosure, photocopying, distribution or use of the contents of this fexed information is prohibited. If you have received this feesimile in error, please notify us by telephone (collect) immediately so that we can arrange for the retrieval of the original documents at no cost to you.

> IF THERE IS A PROBLEM WITH THIS TRANSMISSION, OR IF YOU DID NOT RECEIVE ALL PAGES, PLEASE CALL 781-401-9988 AS SOON AS POSSIBLE

20732.doc

12/19/2005 15:33 7814019966

DCM, LLP

DEC 2 0 2005

PAGE 02/09

PTO/SB/21 (09-04)
Approved for use through 07/31/2008, OMB 0851-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE ero remulred to respond to a collection of information unless it displays a valid OMB control number. Under the Passwork Reduction Act of 1995, no sensons Application Number 10/767.216 Filing Date January 29., 2004 TRANSMITTAL First Named Inventor Pamela R. Lipson **FORM** Art Unit 2171 Examiner Name Not Yet Assigned (to be used for all correspondence after initial filling) Attorney Docket Number MIT-058CUS Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Drawing(s) Fee Transmittal Form Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition Appeal Notice, Brist, Reply Brief Amendment/Repty (Preliminary) Petition to Convert to a Provisional Application After Final Proprietary Information Power of Attorney, Revocation Affidavits/declaration(s) Status Letter Change of Correspondence Address Other Enclosure(s) (please identify Extension of Time Request Terminal Disclaimer PTO/SB/08A with 6 cited references (not Express Abandonment Request Request for Refund enclosed) Information Disclosure Statement CD, Number of CD(s) Certified Copy of Priority Landscape Table on CD Document(s) Repty to Missing Parts/ Remarks Incomplete Application In the event a petition for extension of time is required by this paper and not Reply to Missing Parts otherwise provided, such petition is hereby made and authorization is under 37 CFR 1.52 or 1.53 provided herewith to charge deposit account No. 50-0845 for the cost of such extension. SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name USPTO Customer No. 022494 Mofford & Durkee, LLP Crowle Signature Printed name thristopher S. Daly Reg. No. Dete 37,303 Deco CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mall in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Signature Date 20 Dec 2005 Mary H. White Typed or printed name

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by S5 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Continerce, P.O. Box 1450. Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistence in completing the form, call 1-800-PTO-9199 and select option 2.

#### RECEIVED DCM, LLP **CENTRAL FAX CENTER**

DEC 2 0 2005

PATENT

PAGE 03/09

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No.

10/767,216

Confirmation No.: 2597

Applicant

Pamela R. Lipson, et al.

Filed

January 29, 2004

T.C./A.U.

2171

Examiner

Not Yet Assigned

Docket No. : MIT-058CUS

Customer No.: 022494

Certificate of Mailing (37 C.F.R. 1.8(a))

I hereby certify that this correspondence is being transmitted via facsimile to Commissioner for Patents at 571-273-8300 or deposited with the United States Postal Service with sufficient postage as first-class mail in an envelope addressed to: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450 on the date set forth below.

Date of Signature and Mail Deposit

By: Mary & White

### INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Dear Sir.

It is desired to cite for the record in this application the enclosed documents listed on the attached copy of PTO form PTO/SB/08A. The paragraph(s) marked below are applicable to this Information Disclosure Statement.

The enclosed Information Disclosure Statement is being filed: within three [X] (1) months of the filing date; or within three months of the entry of the national stage of the aboveidentified application; or before the mailing of a first Office Action on the merits; or before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. §1.114. Accordingly, Applicant(s) believes that no fee or statement is required.

Appl. No.: 10/767,216 Docket No.: MIT-058CUS

[ ] (2) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by the fee set forth in 37 C.F.R. § 1.17(p).

### SUBMISSION UNDER 37 C.F.R. § 1.97(c) INCLUDING A STATEMENT UNDER 37 C.F.R. § 1.97(e)(1)

[ ] (3) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by a statement under 37 C.F.R. § 1.97(e)(1). The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application mailed not more than three months prior to the filing of the accompanying Information Disclosure Statement.

## SUBMISSION UNDER 37 C.F.R. § 1.97(c) INCLUDING A STATEMENT UNDER 37 C.F.R. § 1, 97(e)(2)

[ ] (4) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by a statement under 37 C.F.R. § 1.97(e)(2). The undersigned hereby states that no item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to any individual having a duty of disclosure as set forth in 37 C.F.R. § 1.56 (c) more than three months prior to the filing of the accompanying Information Disclosure Statement.

Appl. No.: 10/767,216 Docket No.: MIT-058CUS

# SUBMISSION UNDER 37 C.F.R. § 1.97(c). INCLUDING STATEMENTS UNDER 37 C.F.R. §§ 1.704(d) AND 1.97(e)(1)

[ ] (5) Pursuant to 37 C.F.R. § 1.97(c), the enclosed Information Disclosure Statement is being filed before the mailing date of a final action or a notice of allowance and is accompanied by statements under 37 C.F.R. §§ 1.704(d) and 1.97(e)(1). The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application mailed not more than three months prior to the filing of the accompanying Information Disclosure Statement and was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the accompanying Information Disclosure Statement.

## SUBMISSION UNDER 37 C.F.R. § 1.97(d) INCLUDING A STATEMENT UNDER 37 C.F.R. §1.97(e)(1)

[ ] (6) Pursuant to 37 C.F.R. § 1.97(d), the enclosed Information Disclosure Statement is being filed on or before payment of the issue fee and is accompanied by a statement under 37 C.F.R. § 1.97(e)(1) and the fee required under 37 C.F.R. § 1.17(p). The undersigned hereby states that each item of information contained in the accompanying Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

# SUBMISSION UNDER 37 C.F.R. § 1.97(d) INCLUDING A STATEMENT UNDER 37 C.F.R. §1.97(e)(2)

[ ] (7) Pursuant to 37 C.F.R. § 1.97(d), the enclosed Information Disclosure Statement is being filed on or before payment of the issue fee and is accompanied by a statement under 37 C.F.R. § 1.97(e)(2) and the fee required under 37 C.F.R. § 1.17(p). The undersigned hereby states that no item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the accompanying Information Disclosure Statement was known to

Appl. No.: 10/767,216 Docket No.: MIT-058CUS

any individual having a duty of disclosure as set forth in 37 C.F.R. § 1.56(c) more than three months prior to the filing of the accompanying Information Disclosure Statement.

# SUBMISSION UNDER 37 C.F.R. § 1.97(d) INCLUDING STATEMENTS UNDER 37 C.F.R. §§ 1.704(d) AND 1.97(e)(1)

[ ] (8) Pursuant to 37 C.F.R. § 1.97(d), the enclosed Information Disclosure Statement is being filed on or before payment of the issue fee and is accompanied by statements under 37 C.F.R. §§ 1.704(d) and 1.97(e)(1) and the fee required under 37 C.F.R. § 1.17(p). The undersigned hereby states that each item of information contained in the attached Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application mailed not more than three months prior to the filing of the accompanying Information Disclosure Statement and was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the accompanying Information Disclosure Statement.

The filing of this Information Disclosure Statement is not a representation by the undersigned as to personal knowledge of the contents of every word or phrase of the material enclosed or that reliance on other suitably trained professionals has not been made.

If a search report of a searching agency is enclosed identifying the nature of the relevance of each document, such a designation is deemed to satisfy Rule 98(a) (3) even if in a foreign language, since the few terms of relevance therein are deemed of universal cognizance. However, Applicant(s) does not necessarily adopt the position reflected by that report.

Appl. No.: 10/767,216

Docket No.: MIT-058CUS

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account No. 500845.

Dated: 20Dec 05

Respectfully submitted,

DALY, CROWLEY, MOFFORD & DURKEE, LLP

By:\

Christopher/S. Daty Reg. No. 37,203

Attorney for Applicant(s)

354A Turnpike Street, Suite 301A

Canton, MA 02021-2714 Tel.: (781) 401-9988, Ext. 11

Fax: (781) 401-9966

csd@dc-m.com

20728.doc

7814019966

### DEC 2 0 2005

Pursuant to 37 C.F.R §1.98(d), copies of all references below marked with an \*, which were previously cited in parent case, U.S. Pat. No. 6,483,426 Issued October 28, 2002 and subsequent divisional case, U.S. Pat. No. 6,721,733, issued April 24, PTO/SB/08A (02-03) Approved for use through 04/30/2003, OMB 0651-0031 2004, are not enclosed herewith. U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

	Under the Paperwork Reduction Act of 1995, no persons are required to Substitute for form 1449/PTO			o respond to a collection of information unless it complete if Known		
Substitu				Application Number	10/767,216	
				Filing Date	January 29., 2004	
			LOSURE	First Named Inventor	Pamela R. Lipson	
ST	STATEMENT BY APPLICANT (Use no many sheets as necessary)			Art Unit	2171	
• • • • • • • • • • • • • • • • • • • •				Examiner Name	Not Yet Assigned	
Sheet	4	of	2	Attorney Docket Number	MIT-058CUS	

			U, S. PATENI	DOCUMENTS	Organ Calumna Limna Wingro
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (* hriterit)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Ciled Document	Pages, Columna, Lines, Where Relevant Passages or Relevant Figures Appear
	*	<sup>US-</sup> 5,652,881	07/29/1997	Takahashi et al.	
	<del>                                     </del>	US-			
	<b>—</b>	us-			
		US-			
		ปร-			
		ÚS-			
		US-			
	1	US-			
· -		Ų\$-			
		US-			
		US-			
		UŞ-			
	Τ	U\$-			
-		us-	!		
		US-			
	1	US-			
	1	US-			
	1	US-			
	1	US-		T	

FOREIGN PATENT DOCUMENTS						
Examinor Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	١.
initia.		Country Code <sup>3</sup> "Number * "Kind Code <sup>5</sup> (If Intervit)	MM-DD-YYYY		Or Relevant Figures Appear	Ľ
						┝
			<del></del>			t
						I
						$\downarrow$
			_ /		<u> </u>	Ţ

		-	
	<del></del>		
	The state of the s	1.5-1-	
		Date	
Examiner	l .		
		Considered	
Signature		1	
	1		

"EXAMINER; Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at <a href="https://www.usgto.gov">www.usgto.gov</a> or MPEP 801.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the Emperor must precede the sanal number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. 6 Applicant is to place a check mark here if English Isropage

Translation is effected.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or relatin a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, uncluding gethering, preparing, and submitting the completed application from to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1430, Alexandria, VA 22313-1450.

The Will pased applications in completing the form cell 1-800-PTO-9199 (1-800-788-9199) and select option 2.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

7814019966

### DEC 2 0 2005

Pursuant to 37 C.F.R §1.98(d), copies of all references below marked with an \*, which were previously cited in parent case, U.S. Pat. No. 6,463,426 issued October 28, 2002 and subsequent divisional case, U.S. Pat. No. 6,721,733, issued April 24, PTO/SB/08B (02-03) 2004, are not enclosed herewith.

, are not enclosed herewith.

Approved for use through 04/30/2003. OMB 0851-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1985, no persons are required to respond to a collection of information unless it contains a valid OMB control number. Substitute for form 1449/PTO **Application Number** 10/767,216 Filing Date January 29., 2004 INFORMATION DISCLOSURE STATEMENT BY APPLICANT First Named Inventor Pamela R. Lipson Art Unit 2171 (Use as many sheets as necessary) **Examiner Name** Not Yet Assigned **Attorney Docket Number** MIT-058CUS 2 Sheet Of

Examiner Initials*	Cite No.	OTHER PRIOR ART-NON PATENT LITTERATURE DOCUMENTS  Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	•	Morganti et al.; "A Modular Approach to Austrnatic Printed Circuit Board Inspection,; Machine Vision Applications in Industrial Inspection IV, January 31, 1996 – February 1, 1996, pp 197-208	
•		Mital et al.; "An Intelligent Vision System For Inspection of Packaged ICS,;" Energy, Electroni Computers, Communications, Bombay, Nov. 22-24 1989, pp 1003-1006	
	•	Pentland et al.; "Photobook:Content Based Manipulation of Image Databases;" International Journal of Computer Vision, Vol. 18, No. 3, June 1, 1996, pp 233-254.	
	*	PCT Search Report of the ISA for PCT/US98/22750 dated October 26, 1998 (Atty. Dckt. No. MIT-058AWO)	
	•	Ma et al.; "Handbook of Multimedia Computing;" ISBN 0-8493-1825-4; 1. Multimedia Systems. I Furnt, Borivoje; QA 76.575.H355 1998; 006-7-dc21; pages 227-245	
•			

	The state of the s	
Examiner	Date	ı
Signature	Considered	

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.

EXAMINER: Initial If reference considered, whether or not citation to in conformance with MPEP 609. Draw line through citation if not in conformance and not

EXAMINER: Initial if reference considered, whether or not distrion is in conformance with MPEP 609. Draw line through circlian it not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique clation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of Information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public whiten is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including apthering, preparing, and submitting the completed application from to the USPTO. Time will very depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.